

.

Class Specifications
for the Class:

SPRINKLER SYSTEM REPAIRER

Duties Summary:

Repairs and maintains ground water sprinkler systems including routine maintenance on electrical-mechanical components of electric automatic sprinkler systems; and performs other related duties as assigned.

Distinguishing Characteristics:

This class reflects responsibility for the repair, maintenance and/or installation of sprinkler heads and pipes on the discharge side of the control valves in ground water sprinkler systems. Predominant work involves adjusting and/or repairing sprinkler heads and valves of manual and electric automatic water sprinkler systems. Work related to electric automatic sprinkler systems primarily includes cleaning, servicing, or replacing remote control valve parts and programming the watering schedule. More difficult repairs of electric automatic sprinkler systems, such as repairing of controllers, are contracted out.

Work is typically performed independently, following a maintenance schedule and based on work orders received. A position in this class may occasionally lead the work of other personnel assigned to assist in digging trenches or performing other similar tasks related to sprinkler systems installation and maintenance.

Examples of Duties:

Diagnoses malfunctions, maintains and repairs manually controlled and electric automatic sprinkler systems; repairs, replaces, or installs sprinkler heads and pipes on the discharge side of the control valves; checks and replaces sprinkler head gaskets, shims and springs; dismantles remote control valves to clean, service or replace bonnet assemblies, diaphragms, solenoids and valve seats; visually or with the use of a multimeter, checks for continuity of electrical current and change solenoids as appropriate; cannibalizes good parts of faulty sprinkler heads and valves; checks and changes times and schedules for automatic sprinkler systems; visually inspects controller and performs routine maintenance and/or repairs such as tightening loose or replacing malfunctioning parts; prepares work orders for the more difficult repairs of electric automatic sprinkler systems such as

the troubleshooting and repairing of controllers; follows maintenance procedures and schedules for sprinkler systems; determines need for and requests parts and supplies; prepares work reports; operates light motorized vehicles; and may assist with other grounds maintenance activities such as cleaning debris, planting, trimming, fertilizing and controlling vegetation growth.

Knowledge, and Abilities Required:

Knowledge of: Operating principles of manual and electric automatic control ground water sprinkler systems; basic principles of electricity as they relate to the continuity of electric current within electric automatic sprinkler systems; tools, equipment and materials used in installing, servicing, and repairing manual and electric automatic sprinkler systems; safety procedures and practices applicable in the repair, maintenance and installation of water sprinkler systems.

Ability to: Diagnose and locate malfunctions, and repair and maintain sprinkler systems including the remote control valves of electrical automatic sprinkler systems; use tools and equipment, including multimeter, in the repair and maintenance of sprinkler systems; perform lifting and carrying up to 50 pounds, digging or other manual work typical of the class; prepare work reports; work from and interpret sketches and diagrams; and understand and follow oral and written instructions.

This is the first specification for the new class, SPRINKLER SYSTEM REPAIRER.

Effective Date: 10/7/85

DATE APPROVED: 5/16/89

ALFRED C. LARDIZABAL
Director of Personnel Services